

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE September 8, 1958

Operator El Paso Natural Gas		Lease Tapp No. 4 (M)	
Location 800S, 840W; 16-28-8		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco MV	
Casing Diameter 7-5/8	Set At Feet 2405	Tubing Diameter 2"	Set At Feet 4524
Pay Zone From 4410	To 4554	Total Depth 4655 c/o 4570	Shut-in 8/24/58
Stimulation Treatment Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, inches .75	Choke Constant 12.365	5-1/2 liner 2357 - 4613	
Shut-in Pressure, Casing, PSIG 911 (PC)	PSIA 923	Shut-in Pressure, Tubing, PSIG 1011 (MV)	PSIA 1023
Flowing Pressure, Casing, PSIG 354	PSIA 366	Working Pressure, PSIG Calc.	686
Temperature, °F 74	.75	Flow From Tables 1.041	Gravity .708

Initial SIPT (PC) = 911 psig
Final SIPC (PC) = 914 psig

Packer at 2500
1-1/4" at

CHOKE VOLUME $Q = C \times R \times F \times F_1 \times F_2$

$$Q = (12.365) (366) (.9868) (.9225) (1.041)$$

4289

MCF/D

$$Q = \left(\frac{C \times R \times F \times F_1 \times F_2}{P} \right)^n$$

$$Q = \left(\frac{1046529}{575933} \right)^n$$

$$(1.8171)^{.75} (4289) = (1.5650) (4289)$$

$$Q = 6712 \text{ MCF/D}$$

S. V. Roberts



Lewis D. Galloway
L. D. Galloway

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